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SERVICING REQUIREMENTS *

310

FUEL: AVIATION GRADE 100/130 MINIMUM

(Low lead fuels are approved for use) - Service after each flight. Keep full to retard condensation in the tanks. Tank capacities are:

Each Main Tank - 51.0 Gallons

Each Auxiliary Tank - 20.5 Gallons (40 Gallon Option)

Each Auxiliary Tank - 32.0 Gallons (63 Gallon Option)

Each Wing Locker Tank - 20.5 Gallons

FUEL DRAINS:

Fuel tanks, strainers and crossfeed lines - Drain about (2) ounces of fuel before first flight of day and after each refueling.

OIL: AVIATION GRADE ENGINE OIL; SAE 50 ABOVE 40°F AND SAE 10W30 OR SAE 30 BELOW 40°F - FILTER ELEMENT C294505-0102

If optional oil filter is not installed, change oil and clean screen every 25 hours. Change engine oil and replace filter element every fifty hours, or, every six months even though less than 50 hours have been accumulated. Reduce periods for prolonged operation in dusty areas, cold climates, or when short flights and long idle periods result in sludging conditions. Always change oil whenever oil on dipstick appears dirty.

NOTE

For faster ring seating and improved oil control, your Cessna was delivered from the factory with straight mineral (non-detergent) conforming to specification MIL-L-6082. This break-in oil must be used only for the first 25 hours of operation, at that time it must be replaced with detergent oil.

Check oil level before each flight. Do not operate on less than 9 quarts. To minimize loss of oil through breather, fill to 10 quart level for normal flights of less than 3 hours. For extended flight, fill to capacity which is 13 quarts for each engine sump including 1 quart for oil filter.

OXYGEN: AVIATORS BREATHING OXYGEN - SPECIFICATION MIL-O-27210

Check pressure gage for anticipated requirements before each flight. Refill whenever pressure drops below 300 psi. See figure 7-2 for servicing procedures.

ALCOHOL DEICE RESERVOIR - ISOPROPYL ALCOHOL MIL-F-5566

Check reservoir fluid level, fill as required. Reservoir capacity 3.0 gallons.

TIRES

Main 60 psi; Nose 40 psi.

INDUCTION AIR FILTER - ELEMENT 9913001-1

Service every 50 hours, more often under dusty conditions.

VACUUM SYSTEM FILTER - ELEMENT (STANDARD C294501-0103) (OPTIONAL C294501-0203)

* For complete servicing requirements, refer to the aircraft Service Manual.